

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	relpication adj molding	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 08:43
S2	56	replication adj molding	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/21 14:14
S3	24	(replication adj molding) and silicone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/21 15:56
S4	22	((replication adj molding) and silicone) and (bond\$3 adhe\$5 fus\$4 join\$3 crosslink \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/21 14:17
S5	21	((replication adj molding) and silicone) and (bond\$3 adhe\$5 fus\$4 join\$3 crosslink \$3)) and ((heat\$3 ((rais\$3 increas\$3 high \$3) near temperature)) same (bond\$3 adhe\$5 fus\$4 join\$3 crosslink\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/21 15:34
S6	20	("4119368" "4153855" "5085562" "5096388" "5164558" "5171132" "5224843" "5259737" "5265327" "5336062" "5375979" "5376252" "5529465" "5659171" "5681024"	USPAT	OR	ON	2003/03/21 15:33

		"5705018" "5759014" "5836750" "5876187" "6007309").PN.				
S7	10	((("4119368" "4153855" "5085562" "5096388" "5164558" "5171132" "5224843" "5259737" "5265327" "5336062" "5375979" "5376252" "5529465" "5659171" "5681024" "5705018" "5759014" "5836750" "5876187" "6007309").PN.) and ((heat\$3 ((rais\$3 increas\$3 high\$3) near temperature)) same (bond\$3 adhe\$5 fus\$4 join\$3 crosslink\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/21 15:36
S8	3	((("4119368" "4153855" "5085562" "5096388" "5164558" "5171132" "5224843" "5259737" "5265327" "5336062" "5375979" "5376252" "5529465" "5659171" "5681024" "5705018" "5759014" "5836750" "5876187" "6007309").PN.) and (mold\$3 silicone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/21 15:37

S9	44	((replication adj molding) and silicone) ("4119368" "4153855" "5085562" "5096388" "5164558" "5171132" "5224843" "5259737" "5265327" "5336062" "5375979" "5376252" "5529465" "5659171" "5681024" "5705018" "5759014" "5836750" "5876187" "6007309").PN.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/21 15:57
S10	22	unger near marc .in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/21 16:02
S11	0	(replication adj molding) and first adj layer adj silicone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/21 16:46
S12	0	(replication adj molding) and laminate with silicone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/21 16:46
S13	3	microfluidic and laminate with silicone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/21 16:49
S14	2	microvalve and laminate with silicone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/21 16:50

S15	171	(microfluidic microchannel microvalve) and ((lamine layer first second) with silicone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/21 16:55
S16	22	(US-4034751-\$ or US-5997961-\$ or US-5980719-\$ or US-5962081-\$ or US-5922591-\$ or US-5593130-\$ or US-5376252-\$ or US-4778987-\$ or US-6488897-\$ or US-6485690-\$ or US-6458687-\$ or US-6334761-\$ or US-6197595-\$ or US-6176962-\$ or US-6168948-\$ or US-6143496-\$).did. or (US-20020164820-\$ or US-20020137218-\$ or US-20020053399-\$ or US-20020034748-\$ or US-20020022261-\$). did. or (JP-03103680-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2003/03/24 04:21
S17	22	(US-4034751-\$ or US-5997961-\$ or US-5980719-\$ or US-5962081-\$ or US-5922591-\$ or US-5593130-\$ or US-5376252-\$ or US-4778987-\$ or US-6488897-\$ or US-6485690-\$ or US-6458687-\$ or US-6334761-\$ or US-6197595-\$ or US-6176962-\$ or US-6168948-\$ or US-6143496-\$).did. or (US-20020164820-\$ or US-20020137218-\$ or US-20020053399-\$ or US-20020034748-\$ or US-20020022261-\$). did. or (JP-03103680-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2003/03/24 04:21

S18	2119	(elastomer elastomeric rubber silicone siloxane) near laminate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/24 14:14
S19	298	((elastomer elastomeric rubber silicone siloxane) near laminate) and mold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/24 14:14
S20	396	((elastomer elastomeric rubber silicone siloxane) near laminate) and mold\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/24 14:14
S21	61	((elastomer elastomeric rubber silicone siloxane) near laminate) and (elastomer elastomeric rubber silicone siloxane) near mold\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/24 14:21
S22	0	((elastomer elastomeric rubber silicone siloxane) near laminate) and microfluidic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/24 14:21
S23	50	laminat\$3 same rubber same septum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/05 00:33
S24	14	laminat\$3 with rubber with (recess trench trough groove depression) with bond \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/05 00:33
S25	23	laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) with bond \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/05 00:38
S26	265	laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/05 00:41

S27	16	laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) and etch \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/05 00:41
S28	59	(laminat\$3 bond\$3) with (elastomer\$2 rubber\$4) with (recess trench trough groove depression) and etch \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/05 00:41
S29	43	((laminat\$3 bond\$3) with (elastomer\$2 rubber\$4) with (recess trench trough groove depression) and etch \$3) not (laminat\$3 with (elastomer\$2 rubber\$4) with (recess trench trough groove depression) and etch \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/05 02:47
S30	287	(laminat\$3 bond\$3) same (elastomer\$2 rubber\$4) same (recess trench trough groove depression) and etch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/05 00:32
S31	420	(laminat\$3 bond\$3) same (elastomer\$2 rubber\$4) same (recess trench trough groove depression) and etch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:52
S32	50	laminat\$3 same rubber same septum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:33
S33	22	laminat\$3 with rubber with (recess trench trough groove depression) with bond \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:33

S34	8	(laminat\$3 with rubber with (recess trench trough groove depression) with bond \$3) not (laminat\$3 with rubber with (recess trench trough groove depression) with bond\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:38
S35	33	laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) with bond \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:38
S36	10	(laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) with bond \$3) not (laminat\$3 with (elastomer\$2 rubber\$4) with (recess trench trough groove depression) with bond \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:38
S37	402	laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:41
S38	16	laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) and etch \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:41
S39	92	(laminat\$3 bond\$3) with (elastomer\$2 rubber\$4) with (recess trench trough groove depression) and etch \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:42

S40	33	((laminat\$3 bond\$3) with (elastomer\$2 rubber\$4) with (recess trench trough groove depression) and etch \$3) not (((laminat\$3 bond\$3) with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) and etch \$3) (laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) and etch \$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:42
S41	1662	(laminat\$3 bond\$3) with (elastomer\$2 rubber\$4) with (diaphragm membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:54
S42	4	(laminat\$3 bond\$3) with (elastomer\$2 rubber\$4) with (diaphragm membrane) with (recess trench trough groove depression) and etch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:55
S43	5	(laminat\$3 bond\$3) with (elastomer\$2 rubber\$4) with (diaphragm membrane) same (recess trench trough groove depression) and etch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:55
S44	6	(laminat\$3 bond\$3) with (elastomer\$2 rubber\$4) same (diaphragm membrane) same (recess trench trough groove depression) and etch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:55

S45	13	(laminat\$3 bond\$3) same (elastomer\$2 rubber\$4) same (diaphragm membrane) same (recess trench trough groove depression) and etch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 02:45
S46	9	((laminat\$3 bond\$3) same (elastomer\$2 rubber\$4) same (diaphragm membrane) same (recess trench trough groove depression) and etch\$3) not ((laminat\$3 bond\$3) with (elastomer\$2 rubber\$4) with (diaphragm membrane) with (recess trench trough groove depression) and etch\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 00:56
S47	157	(laminat\$3 bond\$3) same (elastomer\$2 rubber\$4) same (diaphragm membrane) and (recess trench trough groove depression) and etch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 02:46
S48	135	((laminat\$3 bond\$3) same (elastomer\$2 rubber\$4) same (diaphragm membrane) and (recess trench trough groove depression) and etch\$3) not ((laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) with bond \$3) (laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) and etch \$3) ((laminat\$3 bond	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/05 03:07

		<p>\$3) with (elastomer\$2 rubber\$4) with (recess trench trough groove depression) and etch \$3) ((laminat\$3 with rubber with (recess trench trough groove depression) with bond \$3) not (laminat\$3 with rubber with (recess trench trough groove depression) with bond\$3)) ((laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) with bond \$3) not (laminat\$3 with (elastomer\$2 rubber\$4) with (recess trench trough groove depression) with bond \$3)) (laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) and etch \$3) ((laminat\$3 bond \$3) with (elastomer\$2 rubber\$4) with (recess trench trough groove depression) and etch \$3) ((laminat\$3 bond \$3) same (elastomer \$2 rubber\$4) same (diaphragm membrane) same (recess trench trough groove depression) and etch\$3))</p>				
S49	38	<p>(laminat\$3 same rubber same septum) not ((laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) with bond \$3) (laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove</p>	<p>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</p>	OR	ON	2004/09/05 02:50

depression) and etch
\$3) ((laminat\$3 bond
\$3) with (elastomer\$2
rubber\$4) with (recess
trench trough groove
depression) and etch
\$3) ((laminat\$3 with
rubber with (recess
trench trough groove
depression) with bond
\$3) not (laminat\$3
with rubber with
(recess trench trough
groove depression)
with bond\$3))
((laminat\$3 with
(elastomer\$2 rubber
\$4) with (recess
trench trough groove
depression) with bond
\$3) not (laminat\$3
with (elastomer\$2
rubber\$4) with (recess
trench trough groove
depression) with bond
\$3)) (laminat\$3 with
(elastomer\$2 rubber
\$4) with (recess
trench trough groove
depression) and etch
\$3) ((laminat\$3 bond
\$3) with (elastomer\$2
rubber\$4) with (recess
trench trough groove
depression) and etch
\$3) ((laminat\$3 bond
\$3) same (elastomer
\$2 rubber\$4) same
(diaphragm
membrane) same
(recess trench trough
groove depression)
and etch\$3))

S50	135	<p>((laminat\$3 bond\$3) same (elastomer\$2 rubber\$4) same (diaphragm membrane) and (recess trench trough groove depression) and etch\$3) not ((laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) with bond \$3) (laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) and etch \$3) ((laminat\$3 bond \$3) with (elastomer\$2 rubber\$4) with (recess trench trough groove depression) and etch \$3) ((laminat\$3 with rubber with (recess trench trough groove depression) with bond \$3) not (laminat\$3 with rubber with (recess trench trough groove depression) with bond\$3)) ((laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) with bond \$3) not (laminat\$3 with (elastomer\$2 rubber\$4) with (recess trench trough groove depression) with bond \$3)) (laminat\$3 with (elastomer\$2 rubber \$4) with (recess trench trough groove depression) and etch \$3) ((laminat\$3 bond \$3) with (elastomer\$2 rubber\$4) with (recess trench trough groove depression) and etch</p>	<p>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</p>	OR	ON	<p>2004/09/05 03:08</p>
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\$3) ((laminat\$3 bond
\$3) same (elastomer
\$2 rubber\$4) same
(diaphragm
membrane) same
(recess trench trough
groove depression)
and etch\$3) ((laminat
\$3 same rubber same
septum) not ((laminat
\$3 with (elastomer\$2
rubber\$4) with (recess
trench trough groove
depression) with bond
\$3) (laminat\$3 with
(elastomer\$2 rubber
\$4) with (recess
trench trough groove
depression) and etch
\$3) ((laminat\$3 bond
\$3) with (elastomer\$2
rubber\$4) with (recess
trench trough groove
depression) and etch
\$3) ((laminat\$3 with
rubber with (recess
trench trough groove
depression) with bond
\$3) not (laminat\$3
with rubber with
(recess trench trough
groove depression)
with bond\$3))
((laminat\$3 with
(elastomer\$2 rubber
\$4) with (recess
trench trough groove
depression) with bond
\$3) not (laminat\$3
with (elastomer\$2
rubber\$4) with (recess
trench trough groove
depression) with bond
\$3)) (laminat\$3 with
(elastomer\$2 rubber
\$4) with (recess
trench trough groove
depression) and etch
\$3) ((laminat\$3 bond
\$3) with (elastomer\$2
rubber\$4) with (recess
trench trough groove
depression) and etch

		\$3) ((laminat\$3 bond \$3) same (elastomer \$2 rubber\$4) same (diaphragm membrane) same (recess trench trough groove depression) and etch\$3))))				
S51	1807	(microfabricat\$3 micromachin\$3 MEMS micropump\$3 microvalve micro adj (pump valve machin\$3 fabricat\$3)) and elastomer\$2 and (bond \$3 laminat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/07 12:09
S52	229	(microfabricat\$3 micromachin\$3 MEMS micropump\$3 microvalve micro adj (pump valve machin\$3 fabricat\$3)) and elastomer\$2 with (bond \$3 laminat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/07 12:09
S53	48	(microfabricat\$3 micromachin\$3 MEMS micropump\$3 microvalve micro adj (pump valve machin\$3 fabricat\$3)) same elastomer\$2 with (bond \$3 laminat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/07 12:23
S54	27	(microfabricat\$3 micromachin\$3 MEMS micropump\$3 microvalve micro adj (pump valve machin\$3 fabricat\$3)) with elastomer\$2 with (bond \$3 laminat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/07 12:15
S55	21	((microfabricat\$3 micromachin\$3 MEMS micropump\$3 microvalve micro adj (pump valve machin\$3 fabricat\$3)) same elastomer\$2 with (bond \$3 laminat\$3)) not ((microfabricat\$3 micromachin\$3 MEMS micropump\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/07 12:46

		microvalve micro adj (pump valve machin\$3 fabricat\$3)) with elastomer\$2 with (bond \$3 laminat\$3))				
S56	125	(microfabricat\$3 micromachin\$3 MEMS micropump\$3 microvalve micro adj (pump valve machin\$3 fabricat\$3)) same elastomer\$2 same (bond\$3 laminat\$3) not ((microfabricat\$3 micromachin\$3 MEMS micropump\$3 microvalve micro adj (pump valve machin\$3 fabricat\$3)) same elastomer\$2 with (bond \$3 laminat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/07 12:24
S57	174	((microfabricat\$3 micromachin\$3 MEMS micropump\$3 microvalve micro adj (pump valve machin\$3 fabricat\$3)) and elastomer\$2 with (bond \$3 laminat\$3)) not (((microfabricat\$3 micromachin\$3 MEMS micropump\$3 microvalve micro adj (pump valve machin\$3 fabricat\$3)) same elastomer\$2 with (bond \$3 laminat\$3)) ((microfabricat\$3 micromachin\$3 MEMS micropump\$3 microvalve micro adj (pump valve machin\$3 fabricat\$3)) same elastomer\$2 same (bond\$3 laminat\$3) not ((microfabricat\$3 micromachin\$3 MEMS micropump\$3 microvalve micro adj (pump valve machin\$3 fabricat\$3)) same elastomer\$2 with (bond	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/07 12:46

		\$3 laminat\$3))))				
S59	348	elastomer with laminate.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 16:31
S60	28	elastomer near laminate.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 16:57
S61	2	elastomer and laminate and cur\$3 and sacrificial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 17:04
S62	229	elastomer\$2 and laminate and cur\$3 and sacrificial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 17:05
S63	1	elastomer\$2 same laminate same cur\$3 same sacrificial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 17:20
S64	9	elastomer\$2 same laminate same cur\$3 and sacrificial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 17:11
S65	42	elastomer\$2 same laminate and cur\$3 and sacrificial not S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 17:11
S66	4	elastomer\$2 same laminate same sacrificial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 17:21

S67	1	elastomer\$2 near laminate and sacrificial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 17:22
S68	15	elastomer\$2 with laminate and sacrificial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 17:22
S69	1	("5313264").PN.	USPAT	OR	OFF	2005/01/06 17:55
S70	1	("5313264").PN.	USPAT	OR	OFF	2005/01/10 17:34
S71	75	("5313264").URPN.	USPAT	OR	OFF	2005/01/10 17:38
S72	0	S70 and bonding	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 17:39
S73	0	S70 and bond	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 17:39
S74	0	Thord adj hansson	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/28 15:15
S75	11	Thord and hansson	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/28 15:20
S76	1106	elastomer\$2 adj valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/28 15:21
S77	258	S76 and bond\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/28 15:21

S78	36	S76 and bond\$3 near elastomer\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/28 15:21
S79	2	("5856174").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/14 13:48
S80	1	S79 and (teflon elastomer\$4)	US-PGPUB; USPAT	OR	ON	2006/02/14 16:37
S81	0	S79 and (create with "on top of")	US-PGPUB; USPAT	OR	ON	2006/02/14 16:38
S82	0	S79 and (create adj capillaries)	US-PGPUB; USPAT	OR	ON	2006/02/14 16:38
S83	1	S79 and (capillaries)	US-PGPUB; USPAT	OR	ON	2006/02/14 16:44
S84	1	S79 and (plural\$4 multip\$6)	US-PGPUB; USPAT	OR	ON	2006/02/14 16:44
S85	1	("5856174").PN.	USPAT	OR	OFF	2006/07/18 08:43
S86	798	"5856174"	US-PGPUB; USPAT	OR	ON	2006/07/19 12:37
S87	1	"5856174".pn.	US-PGPUB; USPAT	OR	ON	2006/07/19 12:37
S88	0	S87 and upside	US-PGPUB; USPAT	OR	ON	2006/07/19 12:37
S89	0	S87 and turned	US-PGPUB; USPAT	OR	ON	2006/07/19 12:37
S90	0	S87 and inverted	US-PGPUB; USPAT	OR	ON	2006/07/19 12:37
S91	75	"6043080"	USPAT	OR	ON	2007/01/10 12:12
S92	1	("6043080").PN.	USPAT	OR	OFF	2007/01/10 12:12
S93	1	S92 and cross	US-PGPUB; USPAT	OR	ON	2007/01/10 12:24
S94	1	S92 and rectang\$4	US-PGPUB; USPAT	OR	ON	2007/01/10 12:15
S95	1	S92 and (arc curv\$4 circ\$4 semicirc\$4)	US-PGPUB; USPAT	OR	ON	2007/01/10 12:29
S96	0	S92 and channel near shape	US-PGPUB; USPAT	OR	ON	2007/01/10 12:23
S97	0	S92 and channel with shape	US-PGPUB; USPAT	OR	ON	2007/01/10 12:17

S98	1	S92 and channel with dimen\$4	US-PGPUB; USPAT	OR	ON	2007/01/10 12:17
S99	29	("4426451" "4676274" "5126022" "5143854" "5171132" "5188963" "5230866" "5252294" "5271724" "5277556" "5281516" "5296375" "5304487" "5346672" "5375979" "5382511" "5384261" "5424186" "5436129" "5451500" "5486335" "5498392" "5585069" "5587128" "5589350" "5610010" "5631134" "5660993" "5871928").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/10 12:27
S100	1	S99 and channel near shape	US-PGPUB; USPAT	OR	ON	2007/01/10 12:23
S101	19	S99 and cross-section \$4	US-PGPUB; USPAT	OR	ON	2007/01/10 12:24
S102	0	S99 and cross-section \$4 near (flow channel capillary)	US-PGPUB; USPAT	OR	ON	2007/01/10 12:24
S103	9	S99 and cross-section \$4 with (flow channel capillary)	US-PGPUB; USPAT	OR	ON	2007/01/10 12:24
S104	1	S99 and elastomer\$4	US-PGPUB; USPAT	OR	ON	2007/01/10 12:28
S105	24	S99 and (arc curv\$4 circ\$4 semicirc\$4)	US-PGPUB; USPAT	OR	ON	2007/01/10 12:29
S106	9	S99 and (arc curv\$4 circ\$4 semicirc\$4) with (flow channel capillary)	US-PGPUB; USPAT	OR	ON	2007/01/10 12:30

S107	1	S92 and incorporat\$4	US-PGPUB; USPAT	OR	ON	2007/01/10 12:30
S108	30	(method process procedure) and microfabricating and elastomeric adj structure and first adj elastomeric adj layer and recess and flow adj channel and deflectable adj membrane and integral and second adj elastomeric adj layer and actuation adj force and bonding and bottom adj surface and top adj surface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/09 17:02
S109	0	((method process procedure) and microfabricating and elastomeric adj structure and first adj elastomeric adj layer and recess and flow adj channel and deflectable adj membrane and integral and second adj elastomeric adj layer and actuation adj force and bonding and bottom adj surface and top adj surface). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/09 17:03
S110	30	((MARC) near2 (UNGER)).INV.	USPAT	OR	ON	2008/12/09 17:11
S111	57	((STEPHEN) near2 (QUAKE)).INV.	USPAT	OR	ON	2008/12/09 17:12
S112	22	((HOU-PU) near2 (CHOU)).INV.	USPAT	OR	ON	2008/12/09 17:12
S113	55	((AXEL) near2 (SCHERER)).INV.	USPAT	OR	ON	2008/12/09 17:12
S114	13	((TODD) near2 (THORSEN)).INV.	USPAT	OR	ON	2008/12/09 17:12

S115	120	S110 S111 S112 S113 S114	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/09 17:13
S116	75	S115 and (method process procedure). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/09 17:13
S117	0	S116 and (elastomeric adj layer and recess and flow adj channel and deflectable adj membrane actuation adj force and bonding and bottom adj surface and top adj surface).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/09 17:14
S118	1	S116 and (elastomeric adj layer and recess and flow adj channel). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/09 17:15
S119	4	S116 and (elastomeric adj layer and recess). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/09 17:17
S120	2	S116 and (elastomeric adj layer and flow adj channel).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/09 17:18
S121	0	S116 and (deflectable adj membrane).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/09 17:19
S122	7	S116 and (actuation adj force).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/09 17:20
S123	7	S116 and ((elastomeric adj layer recess flow adj channel) and actuation adj force).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/09 17:21

S124	6	S116 and (flow adj channel and actuation adj force).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/09 17:22
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